

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2568	375/347	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:43
L2	58	preamble with first adj antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 10:56
L3	57	preamble with second adj antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 10:56
L4	8	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:11
L5	7702339	first ans antenna and second adj antenna and preamble and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:12
L6	216	(first adj antenna) and (second adj antenna) and preamble and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:04
L7	19	(first adj antenna) with (second adj antenna) with preamble and threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:37
L8	78	(first adj antenna) with (second adj antenna) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:37

EAST Search History

L9	15	(first adj antenna) with (second adj antenna) with threshold and preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:37
L10	1	(first adj antenna) with (second adj antenna) with threshold and preamble and MSE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 11:37
L11	63	(first adj antenna) and (second adj antenna) and preamble and threshold and convergence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:13
L12	87	(first adj antenna) and (second adj antenna) and preamble and convergence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:56
L13	11	(first adj antenna) and (second adj antenna) and preamble with convergence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:52
L14	2	"7133477".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:58
L15	2	"7031413".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:58
L16	2	"7039412".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:59

EAST Search History

L17	2	"7039068".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:59
L18	2	"6687492".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:01
L19	2	"6130602".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:02
L20	2	"6671495".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:05
L21	2	"5404374".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:05
L22	2	"5214394".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:06
L23	2	"5537679".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:06
L24	9	("4499606" "4513412" "4584709" "4742568" "4851820" "4853972" "4914714" "5023621" "5144296").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 13:12

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L31	33	455/152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:43
L32	993	455/132	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:43
L33	2	32 AND 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:56
L34	746	455/277.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:56
L35	8	34 AND 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:56
L38	1	((first adj antenna) and (second adj antenna) and preamble and threshold and convergence).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:14
L39	10	((first adj antenna) and (second adj antenna) and preamble and threshold).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 16:14
S1	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 08:40

EAST Search History

S2	1	10/028385	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 09:27
S3	2	("6029057").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 09:27
S4	10	("5181161" "5781592" "5960336" "6169728" "6483884").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 09:28
S5	1	10/497736	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:14
S6	1	10/481343	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 11:14
S7	2	"5742646".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 12:07
S8	2	"5742646".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 12:41
S9	0	"6009307.pn.".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 12:41

EAST Search History

S10	2	"6009307".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 12:41
S11	2	"6069917".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:08
S12	24	mse with threshold with above	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:08
S13	42	mse with threshold with (above or exceed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:18
S14	16	mse with threshold and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:18
S15	0	mse with threshold and diversity with anenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:18
S16	4	mse with threshold and diversity with antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:18
S17	0	akwrberg.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:30

EAST Search History

S18	104	akerberg.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:30
S19	2	akerberg.in. and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/16 14:31

Web

Results 1 - 10 of about 85 for **"first antenna" "second antenna" preamble convergence**. (0.41 seconds)

Robust low complexity multi-antenna adaptive minimum mean square ...

The **first antenna** 135a may be coupled to a radio frequency and analog interface 148a and the **second antenna** 135b to a radio frequency and analog interface ...

www.patentgenius.com/patent/7133477.html - 56k - [Cached](#) - [Similar pages](#)

Receiving method and receiver - Patent # 7031413 - PatentGenius

The receiver 106 includes a **first antenna** 134a, a **second antenna** 134b, a n-th antenna 134n, ... A **preamble** is placed in initial 4 symbols of the burst, ...

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Method and apparatus for transmitting wireless signals on multiple ...

said high throughput PLCP **preamble** and header includes information indicating ... channel using a **second antenna** within said plurality of transmit antennas. ...

www.freepatentsonline.com/7039412.html - 63k - [Cached](#) - [Similar pages](#)

Packet assembly - Patent 7039068

The ACK packet 302 enters in with a PHY **Preamble** and Header time of 192-secs ... and operatively connected to a **second antenna** 714 for the communication of ...

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Diversity receiving apparatus and wireless receiving apparatus ...

For example, in the case where the signal is received by the **first antenna** 901, once the control section 908 determines the power level of the received ...

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[PDF] Official Report WP 3 : WP 3 – PHYSICAL LAYER - Progress reports ...

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Figure 1: WWiSE Green Field **preamble**, where the first line represents the information transmitted by the **first antenna**, while the second line ...

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represents the information transmitted by the **first antenna**, while the second line is the information, transmitted by the **second antenna**. ...

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[PDF] Chapter 5: Multiple Antenna Techniques

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$\tau = d/c \sin \theta$. As a result, the signal arriving at the **second antenna** can be expressed in terms of signal at the **first antenna** element as ...

www.ece.utexas.edu/wncg/ee381v/Chapter5_MIMO_toPress.pdf - [Similar pages](#)

Wireless lan communication method and apparatus patent invention

1, the IEEE 802.11 a frame is comprised of a physical layer **convergence** ... station detects a second PLCP **preamble**, and then a **second antenna** of the ...

www.freshpatents.com/Wireless-lan-communication-method-and-apparatus-dt20060216ptan20060034178.php?type=d... - 55k - Supplemental Result - [Cached](#) - [Similar pages](#)

[PDF] Derwent

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Novelty: The method uses signals received with a **first antenna** (ANT1) and a **second antenna** (ANT2), during time intervals other than the receiving time slot ...

scientific.thomson.com/ts/media/dw/productpdfs/itppdfs/ittcmux.pdf - [Similar pages](#)

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"first antenna" "second antenna" pre

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"first antenna" AND "second antenna" AND preamble AND

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"first antenna" AND "second antenna" AND preamble AND convergence

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☐ 1. A METHOD FOR TRANSMITTING MEASUREMENT DATA IN A WIRELESS COMMUNICATION SYSTEM AND A WIRELESS COMMUNICATION SYSTEM

LAPPETELÄINEN, Antti / SMOLANDER, Visa, Tapio / SALOKANNEL, Juha, PATENT COOPERATION TREATY APPLICATION, May 2001

...communication system according to the **preamble** of the appended claim 1. The invention...communication system according to the **preamble** of the appended claim 11. The invention...a wireless terminal according to the **preamble** of the appended claim 21 and to an access...

Full text available at patent office. For more in-depth searching go to LexisNexis™ [view all 12 results from Patent Offices](#) [similar results](#)

☐ 2. WIRELESS LOCATION SYSTEM

FATTOUCHE, Michel / OLER, Kevin / KLUKAS, Richard / CHOW, Mable, M., C., PATENT COOPERATION TREATY APPLICATION, Nov 2000

...modification of the solution in each iteration. If the method converges, the solution that minimized the function at the point of **convergence** is taken as the solution. Various problems may arise in least squares and similar iterative methods, as for example bifurcation...

Full text available at patent office. For more in-depth searching go to LexisNexis™ [view all 12 results from Patent Offices](#) [similar results](#)

☐ 3. Radio frequency data communications device

O'Toole, James E. / Tuttle, John R. / Tuttle, Mark E. / Lowery, Tyler / Devereaux, Kevin M. / Pax, George E. / Higgins, Brian P. / (...) / Yu, Shu-Sun, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Nov 2001

A radio frequency identification device comprises an integrated circuit including a receiver, a transmitter, and a microprocessor. The receiver and transmitter together define an active transponder. The integrated circuit is preferably a monolithic single ...

Full text available at patent office. For more in-depth searching go to LexisNexis™ [view all 12 results from Patent Offices](#) [similar results](#)

☐ 4. Pseudo random number generator

O'Toole, James E. / Tuttle, John R. / Tuttle, Mark E. / Lowrey, Tyler / Devereaux, Kevin M. / Pax, George E. / Higgins, Brian P. / (...) / Rotzoll, Robert R., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Nov 2001





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A radio frequency identification device comprises an integrated circuit including a receiver, a transmitter, and a microprocessor. The receiver and transmitter together define an active transponder. The integrated circuit is preferably a monolithic single ...


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- ☐ 5. [Radio frequency data communications device](#)
O'Toole, James E. / Tuttle, John R. / Tuttle, Mark E. / Lowrey, Tyler / Devereaux, Kevin M. / Pax, George E. / Higgins, Brian P. / (...) / Rotzoll, Robert R., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Aug 2001
A radio frequency identification device comprises an integrated circuit including a receiver, a transmitter, and a microprocessor. The receiver and transmitter together define an active transponder. The integrated circuit is preferably a monolithic single ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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- ☐ 6. [Frequency doubler and method of doubling frequency](#)
O'Toole, James E. / Tuttle, John R. / Tuttle, Mark E. / Lowrey, Tyler / Devereaux, Kevin M. / Pax, George E. / Higgins, Brian P. / (...) / Rotzoll, Robert R., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Mar 2001
A frequency doubler includes a first Gilbert cell, a second Gilbert cell coupled to the first Gilbert cell, a frequency generator configured to apply a first sinusoidal wave to the first Gilbert cell, and a phase shifter applying a sinusoidal wave shifted ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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- ☐ 7. [Method for realizing an improved radio frequency detector for use in a radio frequency identification device, frequency lock loop, timing oscillator, method of constructing a frequency lock loop and method of operating an integrated circuit](#)
O'Toole, James E., Boise, ID / Tuttle, John R., Boise, ID / Tuttle, Mark E., Boise, ID / Lowrey, Tyler, Boise, ID / Devereaux, Kevin M., Boise, ID / Pax, George E., Boise, ID / Higgins, Brian P., Boise, ID / (...) / Rotzoll, Robert R., Colorado Springs, CO, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Dec 2000
An integrated circuit comprising a receiver, a transmitter, and a frequency lock loop configured to supply clock signals to the receiver and transmitter, the frequency lock loop including a current source having a thermal voltage generator, a current ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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- ☐ 8. [Radio frequency data communications device](#)
O'Toole, James E., Boise, ID / Tuttle, John R., Boise, ID / Tuttle, Mark E., Boise, ID / Lowrey, Tyler, Boise, ID / Devereaux, Kevin M., Boise, ID / Pax, George E., Boise, ID / Higgins, Brian P., Boise, ID / (...) / Rotzoll, Robert R., Colorado Springs, CO, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Oct 2000
A radio frequency identification device comprises an integrated circuit including a receiver, a transmitter, and a microprocessor. The receiver and transmitter together define an active transponder. The integrated circuit is preferably a monolithic single ...
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- ☐ 9. [RADIO FREQUENCY DATA COMMUNICATIONS DEVICE](#)
O'TOOLE, James E. / TUTTLE, John R. / TUTTLE, Mark E. / LOWREY, Tyler / DEVEREAUX, Kevin M. / PAX, George E. / HIGGINS, Brian P. / (...) / ROTZOLL, Robert R., PATENT COOPERATION TREATY APPLICATION, Nov 1997
A radio frequency identification device includes an integrated circuit (16) including a

receiver (30), a transmitter (32), and a microprocessor (34). The receiver and transmitter together define an active transponder. The integrated circuit is preferably ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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- ☐ **10.** [Method and apparatus for transmitting and receiving encoded data using multiple frequency coding](#)
Mullins, Jeffery L., San Jose, CA / Geiger, Edward W., San Martin, CA, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Apr 1995
...that has a **first antenna** 14a and a **second antenna** 14f, a second...and 14j. The **second antenna** 14f is selected...complement the **first antenna** 14a; i.e...Transmission Convergence Sublayer...PDU") and a **preamble**. The **preamble**...
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- ☐ **11.** [High-efficiency bi-directional spatial power combiner amplifier](#)
Wong, Sam H., EUROPEAN PATENT, Oct 1992
...fields converge to a condensed area (feed horn) 47 using a second lens 49 or a wall structure to guide the fields toward **convergence**. In spatial combiners the loss is independent of the size of the array or the number of elements which are being combined...for distributing and/or combining microwave electric power. This device was taken into consideration when drafting the **preamble** of claims 1, 7 and 14. The device of '686 uses a horn which is arranged between a standard wave guide and a plurality...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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- ☐ **12.** [Communication network with flexible handoff scheduling for mobile nodes](#)
Crosbie, Jeffrey S., Chandler, AZ / Baum, David M., McLean, VA / Krutz, Michael W., Chandler, AZ, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Jul 1996
...gateways 24 at any given instant. Space control segment 26 preferably resides in the northern or southern latitudes, where the **convergence** of orbits 16 causes a greater number of satellites 14 to come within direct line-of-sight view of a single point on the surface...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

- ☐ 1. **On the estimation of ESD current waveshapes by radiated electromagnetic fields**
 Ki-Chai Kim; Kwang-Sik Lee; Dong-In Lee;
Electromagnetic Compatibility, 1999 International Symposium on
 17-21 May 1999 Page(s):145 - 148
 Digital Object Identifier 10.1109/ELMAGC.1999.801284
 AbstractPlus | Full Text: [PDF\(208 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 2. **Unitary space-time modulation for multiple-antenna communications in Rayleigh fading**
 Hochwald, B.M.; Marzetta, T.L.;
Information Theory, IEEE Transactions on
 Volume 46, Issue 2, March 2000 Page(s):543 - 564
 Digital Object Identifier 10.1109/18.825818
 AbstractPlus | [References](#) | Full Text: [PDF\(724 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Triple band planar inverted F antennas for handheld devices**
 Song, C.T.P.; Hall, P.S.; Ghafouri-Shiraz, H.; Wake, D.;
Electronics Letters
 Volume 36, Issue 2, 20 Jan. 2000 Page(s):112 - 114
 Digital Object Identifier 10.1049/el:20000131
 AbstractPlus | Full Text: [PDF\(164 KB\)](#) IEE JNL
- ☐ 4. **Antenna systems for EGPRS handsets**
 Knudsen, M.B.; Brink, S.B.; Pedersen, G.F.;
Personal, Indoor and Mobile Radio Communications, 2001 12th IEEE International Symposium on
 Volume 1, 30 Sept.-3 Oct. 2001 Page(s):A-125 - A-129 vol.1
 Digital Object Identifier 10.1109/PIMRC.2001.965405
 AbstractPlus | Full Text: [PDF\(415 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 5. **Prediction based multi-antenna single-receiver mobile terminal**
 Jeppesen, M.; Jensen, S.H.; Pedersen, G.F.;
Personal, Indoor and Mobile Radio Communications, 2001 12th IEEE International Symposium on
 Volume 1, 30 Sept.-3 Oct. 2001 Page(s):A-120 - A-124 vol.1
 Digital Object Identifier 10.1109/PIMRC.2001.965404
 AbstractPlus | Full Text: [PDF\(348 KB\)](#) IEEE CNF
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6. **Antenna polarimetric calibration using multi-mode TRL calibration method and its extension**
 Hsin-Chia Lu; Tah-Hsiung Chu;
[Microwave Conference, 2001. APMC 2001. 2001 Asia-Pacific](#)
 Volume 3, 3-6 Dec. 2001 Page(s):1315 - 1317 vol.3
 Digital Object Identifier 10.1109/APMC.2001.985377
[AbstractPlus](#) | Full Text: [PDF\(159 KB\)](#) IEEE CNF
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7. **Blind multiuser detection in multipath CDMA channels with unknown correlated noise**
 Buzzi, S.; Poor, H.V.;
[Vehicular Technology Conference, 2000. IEEE VTS-Fall VTC 2000. 52nd](#)
 Volume 5, 24-28 Sept. 2000 Page(s):2278 - 2284 vol.5
 Digital Object Identifier 10.1109/VETECF.2000.883268
[AbstractPlus](#) | Full Text: [PDF\(560 KB\)](#) IEEE CNF
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